

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 20

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium
20	6895	5	Y	ALDER CREEK Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 17.8 deg. C during 1992.	LC98SB	0	27N	12W	27	Temperature	Water
20	6893	5	Y	ANDERSON CREEK Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 16.6 deg. C during 1992.	FL17VR	0.51	26N	13W	12	Temperature	Water
20	42889	5	N	BEAR CREEK Streamkeepers of Clallam County data (submitted by Ed Chadd on 03/15/04), station Bear 5.1 shows 4 samples beyond the criterion collected on the following days: 8/2/2000, 9/15/2001, 10/12/2002, 8/16/2002.	PC63WG	7.855	30N	11W	18	Dissolved oxygen	Water
20	7692	5	Y	BEAVER CREEK Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 44 excursions beyond out of 80 samples near the mouth the criterion during 1994.	BL97WS	0	30N	12W	30	Temperature	Water Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	6754	5	N	BIG RIVER National Park Service data from the STORET database station OLYM_NPS_BR (BIG RIVER UPSTREAM FROM LAKE OZETTE) shows 4 excursions beyond the criterion out of 16 samples collected between 01/93 - 12/97. Meyer and Brinkman, 2001. show 3 excursions beyond the criterion out of 16 measurements collected in 1993 and 1994.	YP93MT	3.261	30N	15W	10	pH	Water Low pH
20	7693	5	Y	BOGACHIEL RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 6 excursions beyond the criterion out of 7 samples at RM 0 between 1992 and 1995.	PP27XG	0	28N	14W	29	Temperature	Water TRS was 28N-14W-30 on 1998 list. -kk Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7696	5	Y	BOGACHIEL RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 2 excursions beyond the criterion out of 2 samples at RM 8.7 between 1992 and 1995.	PP27XG	11.178	28N	14W	13	Temperature	Water Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.

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20	7697	5	Y	BOGACHIEL RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 6 excursions beyond the criterion out of 7 samples at RM 9 between 1992 and 1995.	PP27XG	13.365	28N	13W	18	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7698	5	Y	BOGACHIEL RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 4 excursions beyond the criterion out of 5 samples at RM 9.8 between 1992 and 1995.	PP27XG	15.186	28N	13W	20	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7699	5	Y	BOGACHIEL RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 2 excursions beyond the criterion out of 2 samples at RM 12.6 between 1992 and 1995.	PP27XG	18.965	28N	13W	28	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7700	5	Y	BOGACHIEL RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 5 excursions beyond the criterion out of 6 samples at RM 15.7 between 1992 and 1995.	PP27XG	22.117	28N	13W	34	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7701	5	Y	BOGACHIEL RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 5 excursions beyond the criterion out of 5 samples at RM 20 between 1992 and 1995.	PP27XG	29.61	27N	12W	06	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	35021	5	N	CALAWAH RIVER, S.F. Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 18.7 degrees C on the week ending 8-9-2000, with a maximum daily temperature of 19.6 degrees C from continuous measurements collected in 2000 at RM 5.96 (station ID RM 16.5). Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 19.48 degrees C on the week ending 7-27-2002, with a maximum daily temperature of 20.31 degrees C from continuous measurements collected in 2002 at RM 5.96 (station ID SF Calawah). Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 17.7 degrees C on the week ending 7-12-2001, with a maximum daily temperature of 18.9 degrees C from continuous measurements collected in 2001 at RM 5.96 (station ID SF Calawah).	SY69TS	8.953	28N	12W	10	Temperature	Water	Olympic National Forest provide rationale that the measured excursions beyond the criterion are a natural condition (submitted by Dale Hom on 15 January 2003). Ecology staff reviewed this listing in 2003 for natural conditions, but could not rule out the possibility that human activities contributed to the excursion(s).

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium	
20	5813	5	N	COAL CREEK	ME00NJ	0.128	31N	15W	29	pH		Water
				National Park Service data from the STORET database station OLYM_NPS_COC (COAL CREEK UPSTREAM FROM LAKE OZETTE) shows 6 excursions beyond the criterion out of 14 samples collected between 01/93 - 12/97.								Low pH
				National Park Service data from the STORET database station OLYM_NPS_RM-COC (COAL CREEK) shows 2 excursions beyond the criterion out of 3 samples collected between 01/93 - 12/97.								
				Meyer and Brinkman, 2001. show 6 excursions beyond the criterion out of 14 measurements collected in 1993 and 1994.								
20	7703	5	Y	COAL CREEK	CG80EL	0	28N	15W	12	Temperature		Water
				Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show numerous excursions beyond the criterion between 6/23/92 and 9/28/92 at T28N-R15W-S12 .						Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.		
20	7704	5	Y	COAL CREEK	CG80EL	4.609	29N	15W	35	Temperature		Water
				Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show numerous excursions beyond the criterion between 6/23/92 and 9/28/92 at T29-R15W-S35.						Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.		
20	5815	5	N	CROOKED CREEK	RZ31SI	0.564	30N	15W	14	pH		Water
				National Park Service data from the STORET database station OLYM_NPS_CRC (CROOKED CREEK UPSTREAM FROM LAKE OZETTE) shows 8 excursions beyond the criterion out of 15 samples collected between 01/93 - 12/97.								Low pH
				Meyer and Brinkman, 2001. show 8 excursions beyond the criterion out of 15 measurements collected in 1993 and 1994.								
20	7705	5	Y	CROOKED CREEK, N.F.	AS33ML	0.049	30N	14W	18	Temperature		Water
				Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show numerous excursions beyond the criterion between 6/23/92 and 9/28/92 .						Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.		
20	16743	5	N	DICKEY RIVER	VG74CO	10.186	29N	14W	31	Fecal Coliform		Water
				Hallock (2001) Dept. of Ecology Ambient Monitoring Station 20D070 (Dickey R nr La Push) shows a geometric mean of 51 exceeds the criterion and that 33% of the samples exceeds the percentile criterion from 3 samples collected during 1996.; Hallock (2001) Dept. of Ecology Ambient Monitoring Station 20D070 (Dickey R nr La Push) shows a geometric mean of 13 does not exceed the criterion and that 22% of the samples exceeds the percentile criterion from 9 samples collected during 1997.								

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Medium	Remarks	
20	7707	5	Y	DICKEY RIVER, E.F. Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show numerous excursions beyond the criterion between 7/19/90 and 9/20/90 at T29N-R14W-S29 .	GM16OG	0.768	29N	14W	29	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7708	5	Y	DICKEY RIVER, E.F. Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show numerous excursions beyond the criterion between 7/19/90 and 9/20/90 at T30N-R13W-S30.	GM16OG	23.317	30N	13W	30	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7709	5	Y	DICKEY RIVER, M.F. Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show 2 excursions beyond the criterion between 7/24/91 and 7/30/91 at T30N-R14W-S23.	MX37BQ	3.557	30N	14W	23	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7710	5	Y	DICKEY RIVER, M.F. Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show 2 excursions beyond the criterion between 7/24/91 and 7/30/91 at T30N-R14W-S14 .	MX37BQ	4.618	30N	14W	14	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7711	5	Y	DICKEY RIVER, W.F. Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show numerous excursions beyond the criterion between 7/19/90 and 10/14/91 at T29N-R14W-S30 .	KJ18QR	0	29N	14W	30	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7712	5	Y	DICKEY RIVER, W.F. Quileute Tribe data (submitted by Ron Barnes on 9/9/93) show numerous excursions beyond the criterion between 7/19/90 and 10/14/91 at T30-R14W-S21.	KJ18QR	20.001	30N	14W	21	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7713	5	Y	ELK CREEK Horrocks and Lombard, 1995. , 10 excursions beyond the criterion out of 62 samples (16%) at RM 1.8 during 1994.	OZ81SL	0.917	27N	12W	35	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.

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20	6898	5	Y	FISHER CREEK	FA00MP	3.759	27N	10W	34	Temperature	Water	Note: Location depicted on map and described by WASWIS ID and Lower Route Address is the closest mappable unit. FISHER CREEK is actually a tributary from the southwestern corner of section 34, to the west of FISHER CREEK. -kk
Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 19.8 deg. C during 1992.												
20	7715	5	Y	LAKE CREEK	EL07WK	2.132	30N	13W	33	Dissolved oxygen	Water	During the assessment of data it was determined that WQ Policy 1-11 (updated 9/03) was overly restrictive for the number of years of data excursions needed to list for D.O. impairments . Based on a review of monitoring studies for DO statewide, it was determined that multiple (3 or more) excursions for at least two years of monitoring should be used as an alternative indicator that a waterbody continues
Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 7 excursions beyond the criterion out of 7 samples at RM 2 between 1994 and 1995.												
to												
20	7716	5	Y	LAKE CREEK	EL07WK	2.31	30N	13W	34	Dissolved oxygen	Water	During the assessment of data it was determined that WQ Policy 1-11 (updated 9/03) was overly restrictive for the number of years of data excursions needed to list for D.O. impairments . Based on a review of monitoring studies for DO statewide, it was determined that multiple (3 or more) excursions for at least two years of monitoring should be used as an alternative indicator that a waterbody continues
Streamkeepers of Clallam County data (submitted by Ed Chadd on 03/15/04), station Lake 1.6 shows 4 samples beyond the criterion collected on the following days: 8/3/2000, 8/5/2001, 8/24/2003, 10/15/2002.												
Quileute Tribal data (submitted by Ron Figler-Barnes on 2/27/96) show 8 excursions beyond the criterion out of 20 samples at RM 2.75 between 1992 and 1995.												
to												
20	42844	5	N	LAKE CREEK	EL07WK	0.696	29N	13W	04	Dissolved oxygen	Water	
Streamkeepers of Clallam County data (submitted by Ed Chadd on 03/15/04), station Lake 0.7 shows 3 samples beyond the criterion collected on the following days: 8/3/2000, 8/5/2001, 9/19/2001.												
20	7714	5	Y	LAKE CREEK	EL07WK	2.132	30N	13W	33	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 5 excursions beyond the criterion out of 7 samples at RM 2 between 1994 and 1995.												

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20	7717	5	Y	LAKE CREEK Streamkeepers of Clallam County data (submitted by Ed Chadd on 03/15/04), station Lake 1.6 shows shows the criterion was exceeded on the following 4 days: 8/3/2000, 8/5/2001, 9/15/2001, 8/24/2003.	EL07WK	2.31	30N	13W	34	Temperature	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.	Water
20	6894	5	Y	LINE CREEK Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 17.7 deg. C during 1992.	SC06WV	1.321	26N	10W	03	Temperature		Water
20	6892	5	Y	MAPLE CREEK Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 16.1 deg. C during 1992.	PT52FH	0	27N	11W	35	Temperature		Water
20	7718	5	Y	MAXFIELD CREEK Quileute Tribal data (submitted by Ron Barnes on 9/9/93) show numerous excursions beyond the criterion between 6/22/92 and 9/28/92 at T28N-R14W-S28.	YH73YS	0	28N	14W	28	Temperature	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.	Water
20	6897	5	Y	NOLAN CREEK Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 18.7 deg. C during 1992.	MF35YT	1.831	26N	13W	24	Temperature		Water
20	6890	5	Y	OWL CREEK Hatten, 1992. , shows 18 excursions beyond the criterion in 1991.; Hoh Tribe data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 18.1 deg. C during 1992.	QH68OQ	0	27N	11W	35	Temperature		Water
20	35023	5	N	SITKUM RIVER Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 20.44 degrees C on the week ending 7-27-2002, with a maximum daily temperature of 21.64 degrees C from continuous measurements collected in 2002 at RM 0.108 (station ID Siktum). Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 18.3 degrees C on the week ending 7-12-2001, with a maximum daily temperature of 20.2 degrees C from continuous measurements collected in 2001 at RM 0.108 (station ID Siktum). Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 19.1 degrees C on the week ending 8-9-2000, with a maximum daily temperature of 20.2 degrees C from continuous measurements collected in 2000 at RM 0.108 (station ID RM 0.25). Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 20.4 degrees C on the week ending 7-29-1998, with a maximum daily temperature of 21.8 degrees C from continuous measurements collected in 1998 at RM 0.108 (station ID RM 0.2).	PY49WZ	0	28N	12W	10	Temperature	Ecology staff reviewed this listing in 2003 for natural conditions, but could not rule out the possibility that human activities contributed to the excursion(s).	Water

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information					Parameter	Medium
				Basis						Remarks	
20	35026	5	N	SITKUM RIVER	PY49WZ	3.428	28N	12W	12	Temperature	Water
				Olympic National Forest unpublished data (submitted by Dale Hom on 15 January 2003) show a 7-day mean of maximum daily temperature of 18.6 degrees C on the week ending 7-31-1998, with a maximum daily temperature of 19.6 degrees C from continuous measurements collected in 1998 at RM 2.8 (station ID RM 2.8).					Ecology staff reviewed this listing in 2003 for natural conditions, but could not rule out the possibility		
										activities contributed to the excursion(s).	
20	14131	5	N	SIWASH CREEK	NT44LS	0.313	30N	15W	34	Dissolved oxygen	Water
				Streamkeepers of Clallam County data (submitted by Ed Chadd on 03/15/04), station Siwash 0.0 shows 1 sample beyond the criterion collected on the following day: 10/8/2002.					Changed from Category 2 to Category 5 on 01/21/05 due to consolidation with Listing ID 42875 (cat 2). -kk		
				Meyer and Brinkman, 2001, show 2 excursions beyond the criterion in 1993 and 1994.							
20	5824	5	N	SOLEDUCK RIVER	EC91QM	93.129	29N	09W	32	pH	Water
				National Park Service data from the STORET database station OLYM_NPS_SD1 (SOL DUC RIVER UPSTREAM FROM RESORT) shows 0 excursions beyond the criterion out of 3 samples collected between 01/93 - 12/97.					High pH.		
									This may be a natural condition. It is unclear whether the		
				National Park Service data from the STORET database station OLYM_NPS_SD2 (SOL DUC RIVER AT THE RESORT TRAILER PARK) shows 2 excursions beyond the criterion out of 3 samples collected between 01/93 - 12/97.					pH readings are the result of anthropogenic sources or due		
									natural geothermal activity. More study is needed.		
				National Park Service data from the STORET database station OLYM_NPS_SD3 (SOL DUC RIVER AT HOT SPRINGS RESORT POOL OUTLET) shows 3 excursions beyond the criterion out of 3 samples collected between 01/93 - 12/97.							
				National Park Service data from the STORET database station OLYM_NPS_SD4 (SOL DUC RIVER AT THE RESORT CONCRETE BRIDGE) shows 1 excursions beyond the criterion out of 3 samples collected between 01/93 - 12/97.							
				National Park Service data from the STORET database station OLYM_NPS_SD5 (SOL DUC RIVER 800M DOWNSTREAM FROM RESORT BRIDGE) shows 0 excursions beyond the criterion out of 3 samples collected between 01/93 - 12/97.							
20	7723	5	Y	SOLEDUCK RIVER	EC91QM	1.511	28N	14W	17	Temperature	Water
				Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 3 excursions beyond the criterion out of 4 samples at RM 6.5 between 1992 and 1995.					Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.		
20	7724	5	Y	SOLEDUCK RIVER	EC91QM	9.856	28N	14W	11	Temperature	Water
				Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 3 excursions beyond the criterion out of 3 samples at RM 13 between 1992 and 1995.					Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.		

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20	7725	5	Y	SOLEDUCK RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 2 excursions beyond the criterion out of 3 samples at RM 19 between 1992 and 1995.	EC91QM	21.809	29N	13W	28	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7726	5	N	SOLEDUCK RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 3 excursions beyond the criterion out of 3 samples at RM 22.1 between 1992 and 1995. Hallock (2001) Dept. of Ecology Ambient Monitoring Station 20A090 (Soleduck R nr Forks) shows 0 excursions beyond the criterion out of 12 samples collected between 1993 - 2001	EC91QM	27.025	29N	13W	16	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7727	5	Y	SOLEDUCK RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 2 excursions beyond the criterion out of 2 samples at RM 23.75 between 1992 and 1995.	EC91QM	30.766	29N	13W	10	Temperature	Water	TRS was 29N-13W-09 on 1998 list. -kk Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	7728	5	Y	SOLEDUCK RIVER Quileute Tribe data (submitted by Ron Figler-Barnes on 2/27/96) show 3 excursions beyond the criterion out of 3 samples at RM 44.9 between 1992 and 1995.	EC91QM	63.848	30N	11W	27	Temperature	Water	Continuous temperature measurements were taken, but results reported as single day maximums. Category 5 listing is continued from 1998 assessment based on multiple excursions from continuous monitoring.
20	6752	5	N	SOUTH CREEK Streamkeepers of Clallam County data (submitted by Ed Chadd on 03/15/04), station South 0.0 shows 1 sample beyond the criterion collected on the following day: 10/8/2002. National Park Service data from the STORET database station OLYM_NPS_SOC (SOUTH CREEK UPSTREAM FROM LAKE OZETTE) shows 7 excursions beyond the criterion out of 14 samples collected during 1993 and 1994. Meyer and Brinkman, 2001. show 7 excursions beyond the criterion in 1993 and 1994.	VD52HL	0	29N	15W	10	Dissolved oxygen	Water	Changed from Category 2 to Category 5 on 01/24/05 due to consolidation with Listing ID 42929 (cat 2). -kk
20	6891	5	Y	SPLIT CREEK Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 22.2 deg. C during 1992. Hatten, 1992, shows 47 excursions beyond the criterion in 1991.	FA00MP	3.759	27N	10W	34	Temperature	Water	Note: Location depicted on map and described by WASWIS ID and Lower Route Address is the closest mappable unit. SPLIT CREEK is actually a tributary from the southern edge of section 34, to the east of FISHER CREEK. -kk

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20	6889	5	Y	WILLOUGHBY CREEK	DQ24XR	0	27N	12W	25	Temperature		Water
				Hatten, 1992. , shows 16 excursions beyond the criterion in 1991. ; Hoh Tribe data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 18.1 deg. C during 1992.								
20	6896	5	Y	WINFIELD CREEK	GV87TG	0.142	27N	12W	34	Temperature		Water
				Hoh Tribal data (submitted by Jim Hatten on 9/16/93) show a 7-day mean of daily maximum temperature of 18.6 deg. C during 1992.								